

Please amend the subject application as follows:

IN THE CLAIMS:

Please cancel claims 12-18 and accept amended claims 1, 2, 19 and 20 and new claims 21-28 as follows:

1. (currently amended) An apparatus for forming an organic layer on a substrate, comprising:

a spraying device, the spraying device comprising:

~~at least one~~ a plurality of head units each formed in a corresponding row, wherein each head unit includes at least one head having spraying nozzles, and is shifted a horizontal distance from a previous head unit; and

~~a plurality of heads alternately disposed in first and second sub rows to form a zigzag pattern on the at least one head unit.~~

2. (currently amended) The apparatus of claim 1, wherein ~~the at least one~~ each head unit comprises a plurality of ~~head units each formed in a corresponding row, and wherein each head unit is shifted a horizontal distance from a previous head unit~~ heads alternately disposed in first and second sub rows to form a zigzag pattern on the head unit.

3. (original) The apparatus of claim 1, further comprising:
a stage that supports the substrate.

4. (original) The apparatus of claim 1, further comprising:

a storage tank that stores organic material provided to the spraying device.

5. (original) The apparatus of claim 1, wherein each head comprises a plurality of spraying nozzles.

6. (original) The apparatus of claim 5, wherein each spraying nozzle comprises a piezoelectric element.

7. (original) The apparatus of claim 1, wherein the spraying device forms an angle with respect to a side of the substrate.

8. (original) The apparatus of claim 7, wherein the angle is in the range of about $\pm 0^\circ$ to about $\pm 89^\circ$.

9. (original) The apparatus of claim 3, further comprising a transferring device that transfers the stage in a first printing direction, a second printing direction that is opposite to the first printing direction, and a third direction that is substantially perpendicular to the first printing direction.

10. (original) The apparatus of claim 9, wherein the spraying device is fixed.

11. (original) The apparatus of claim 3, wherein the stage is fixed and the spraying device moves in a first printing direction, a second printing direction that is opposite to the first printing direction, and a third direction that is substantially perpendicular to the first printing direction.

12. – 18. (canceled)

19. (currently amended) An apparatus for forming an organic layer on a substrate, comprising:

a spraying device, the spraying device comprising a plurality of head units having a plurality of heads alternately disposed in first and second sub rows to form a zigzag pattern on the head unit, the heads having spraying nozzles arranged in a line ~~each formed in a corresponding row, each head unit being shifted a horizontal distance from a previous head unit.~~

20. (currently amended) The apparatus of claim 19, wherein each head unit ~~comprises a plurality of heads alternately disposed in first and second sub rows to form a zigzag pattern on each head unit~~ is formed in a corresponding row, and is shifted a horizontal distance from a previous head unit.

21. (new) The apparatus of claim 1, wherein the spraying nozzles are arranged in a line.

22. (new) An apparatus for forming an organic layer on a substrate, comprising:

a spraying device that includes first to nth head units respectively disposed in, first to nth rows, wherein n is an integer, and sprays organic material onto the substrate, each head unit being shifted by a distance from a previous head unit, wherein each head unit includes a plurality of heads having spraying nozzles; and a transferring device that transfers the substrate in a printing direction.

23. (new) The apparatus of claim 22, wherein the spraying nozzles are arranged in a line, and have a pitch between neighboring spraying nozzles.

24. (new) The apparatus of claim 23, wherein a sum of the shift distances from the first row to the nth row is substantially identical to the pitch.

25. (new) The apparatus of claim 22, wherein first heads of the plurality of heads are disposed in a first sub row and second heads of the plurality of heads are disposed in a second sub row, the first and second heads being alternately disposed to form a zigzag pattern on the head unit.

26. (new) The apparatus of claim 25, wherein the first heads overlap with adjacent second heads to maintain a uniform distance between droplets of the organic material.

27. (new) The apparatus of claim 22, wherein the spraying device forms an angle with respect to the side of the substrate.

28. (new) The apparatus of claim 22, wherein the printing direction includes a first printing direction , a second printing direction that is opposite to the first printing direction, and a third direction that is substantially perpendicular to the first printing direction.